

8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

C.4. (Cont'd)

|  | USOC  | MONTHLY<br>RATE |
|--|-------|-----------------|
| • 1.544 Mbps - NNIT, per Port                |       |                 |
| - 1 PVC                                      | 17TA2 | \$196.90 (I)    |
| - 2 PVCs                                     | 17TB2 | 231.55          |
| - 3 PVCs                                     | 17TC2 | 266.25          |
| - 4 PVCs                                     | 17TD2 | 300.95          |
| - 5 PVCs                                     | 17TE2 | 335.65 (I)      |
| - 6 PVCs through 14[1], per PVC              | 17TG2 | 17.80 (R)       |
| - 15 PVCs through 24[2], per PVC             | 17TH2 | 4.70 (I)        |
| - Each additional PVC over 24[3],<br>per PVC | 17TJ2 | 0.45 (I)        |

[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.

[2] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.

[3] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.

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1801 California Street, Denver, Colorado 80202

8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

C. 24 Months (Cont'd)

|  | USOC  | NONRECURRING<br>CHARGE | MONTHLY<br>RATE |            |
|--|-------|------------------------|-----------------|------------|
| 5. Central Office Connecting Channel   |       |                        |                 |            |
| • Per connection between a Multiplexer and FRS Port or between a Company facility port and an FRS Port         |       |                        |                 | (T)<br>(T) |
| - For speeds up to 1.544 Mbps  | CU5TR | \$25.00                | \$0.62          | (T)        |
| - For speeds up to 44.736 Mbps   | CU5TR | 50.00                  | 9.38            | (N)        |
| 6. Transport Channels[1]   |       |                        |                 |            |
| 7. Optional Features and Functions   |       |                        |                 |            |
| • Customer Network Management (CNM)  |       |                        |                 |            |
| - Per workstation registered address initial setup   | NM6X2 | 15.00                  | 62.81           |            |
| - Subsequent CNM order charge, per workstation registered address change or addition of CNM to existing FRS[2] | NR9FM | 38.00                  | —               |            |

[1] See Section 7 for Transport Channel rates and regulations.

[2] When adding CNM to existing FRS, the Subsequent CNM Order Charge applies in addition to the Nonrecurring Charge for the initial setup of CNM.

8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

C.7. (Cont'd)

|                                    | USOC  | NONRECURRING<br>CHARGE | MONTHLY<br>RATE | (N) |
|------------------------------------|-------|------------------------|-----------------|-----|
| • Priority UNIT PVC[1],<br>per PVC |       |                        |                 |     |
| - 56 or 64 kbps                    | PV7X2 | \$50.00                | \$4.69          |     |
| - 112 or 128 kbps                  | PV7X2 | 50.00                  | 5.47            |     |
| - 224 or 256 kbps                  | PV7X2 | 50.00                  | 6.25            |     |
| - 336 or 384 kbps                  | PV7X2 | 50.00                  | 7.03            |     |
| - 448 or 512 kbps                  | PV7X2 | 50.00                  | 7.81            |     |
| - 672 or 768 kbps                  | PV7X2 | 50.00                  | 8.60            |     |
| - 1.544 Mbps                       | PV7X2 | 50.00                  | 9.38            |     |
| - 44.736 Mbps                      | PV7X2 | 50.00                  | 9.38            | (N) |

[1] Priority PVC rates and charges apply in addition to the UNIT PVC rates and charges set forth preceding.

(N)  
(N)

8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

C.7. (Cont'd)

|                    | USOC  | NONRECURRING<br>CHARGE | MONTHLY<br>RATE | (N) |
|--------------------|-------|------------------------|-----------------|-----|
| • Per Video PVC[1] |       |                        |                 |     |
| - 384 kbps CIR     | PVUE2 | \$700.00               | \$18.75         |     |
| - 512 kbps CIR     | PVUF2 | 700.00                 | 28.13           | (N) |

[1] Video PVC rates and charges apply in addition to the 1.544 Mbps UNIT PVC rates and charges set forth preceding.

(N)  
(N)

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1801 California Street, Denver, Colorado 80202

8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE (Cont'd)

D. 36 Months

(T)

|   | USOC  | NONRECURRING<br>CHARGE | MONTHLY<br>RATE |     |
|---|-------|------------------------|-----------------|-----|
| 1. Access Link, per Access Link                   |       |                        |                 |     |
| • 56 or 64 kbps                                   | L7AX3 | \$450.00               | \$ 43.50        |     |
| - Vintage[1]                                      |       |                        | 16.17           | (N) |
| - Vintage[2]                                      |       |                        | 17.82           |     |
| - Vintage[3]                                      |       |                        | 37.70           | (N) |
| • 2-Wire 128 kbps                                 | L7TA3 | 450.00                 | 38.25           |     |
| • 1.544 Mbps                                      | L7AX3 | 450.00                 | 117.01          |     |
| - Vintage[1]                                      |       |                        | 107.09          | (N) |
| - Vintage[2]                                      |       |                        | 108.84          | (N) |
| 2. Stand-Alone Access Link<br>per Access Link     |       |                        |                 |     |
| • 56 or 64 kbps                                   | NNLX3 | 450.00                 | 43.50           |     |
| - Vintage[3]                                      |       |                        | 37.30           | (N) |
| • 1.544 Mbps                                      | NNLX3 | 450.00                 | 117.01          |     |
| 3. User-To-Network Information Transfer (UNIT)    |       |                        |                 |     |
|   | USOC  | NONRECURRING<br>CHARGE |                 |     |
| • 56 or 64 kbps                                   |       |                        |                 |     |
| - First PVC                                       | NRBF1 | \$50.00                |                 |     |
| - Each additional PVC                             | NRBF2 | 20.00                  |                 |     |
| - Subsequent PVC(s) order charge,<br>per order[4] | NRBFO | 75.00                  |                 | (T) |

(D)

[1] Vintage rate in effect 10/12/92 through 1/16/94.

(N)

[2] Vintage rate in effect 1/17/94 through 11/13/94.

[3] Vintage rate in effect 11/14/94 through 12/13/96.

(N)

[4] When appropriate, the "Each additional PVC" nonrecurring charge applies in addition to the "Subsequent PVC order charge".

(T)

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8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

D.3. (Cont'd)

|   | USOC  | NONRECURRING<br>CHARGE |     |
|---|-------|------------------------|-----|
| • 2-Wire 128 kbps   |       |                        |     |
| - First PVC   | NRBF7 | \$300.00               | (T) |
| - Each additional PVC   | NRBF8 | 20.00                  | (T) |
| - Subsequent PVC(s) order charge,<br>per order[1]   | NRBF9 | 75.00                  | (T) |
| • 112 or 128 kbps (4-Wire), 224 or 256 kbps, 336 or<br>384 kbps, 448 or 512 kbps, and 672 or 768 kbps |       |                        |     |
| - First PVC   | NRBF1 | 250.00                 |     |
| - Each additional PVC   | NRBF2 | 20.00                  |     |
| - Subsequent PVC(s) order charge,<br>per order[1]   | NRBFO | 75.00                  |     |
| • 1.544 Mbps  |       |                        |     |
| - First PVC   | NRBF1 | 50.00                  |     |
| - Each additional PVC   | NRBF2 | 20.00                  |     |
| - Subsequent PVC(s) order charge,<br>per order[1]   | NRBFO | 75.00                  |     |
| • 44.736 Mbps   |       |                        |     |
| - First PVC   | NRBF1 | 250.00                 |     |
| - Each additional PVC   | NRBF2 | 50.00                  |     |
| - Subsequent PVC(s) order charge,<br>per order[1]   | NRBFO | 75.00                  |     |
| • Fault Tolerant Service, per UNIT  |       |                        |     |
| - Initial Service Establishment   | NRBF4 | 500.00                 |     |
| - Subsequent Service Establishment  | NRBF5 | 50.00                  |     |
| - Activation and Restoral   | NRBF6 | 500.00                 |     |

[1] When appropriate, the "Each additional PVC" nonrecurring charge applies in addition to the "Subsequent PVC order charge". (C)  
(C)

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8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

D.3. (Cont'd)

|  | USOC  | MONTHLY<br>RATE |     |
|--|-------|-----------------|-----|
| • 56 or 64 kbps - UNIT, per Port           |       |                 |     |
| - 0 PVCs, used with Fault Tolerant Service | 17T93 | \$ 32.38        |     |
| - 1 PVC                                    | 17TA3 | 36.33           |     |
| - 2 PVCs                                   | 17TB3 | 41.19           |     |
| - 3 PVCs                                   | 17TC3 | 44.21           |     |
| - 4 PVCs                                   | 17TD3 | 47.23           |     |
| - 5 PVCs                                   | 17TE3 | 50.22           |     |
| - 6 PVCs through 14[1], per PVC            | 17TG3 | 1.15            |     |
| Vintage[2]                                 |       | 1.03            | (N) |
| - 15 PVCs through 24[3], per PVC           | 17TH3 | 0.25            | (T) |
| Vintage[2]                                 |       | 0.21            | (N) |
| - Each additional PVC over 24[4], per PVC  | 17TJ3 | 0.25            | (T) |
| Vintage[2]                                 |       | 0.19            | (N) |
| • 2-Wire 128 kbps - UNIT, per Port         |       |                 |     |
| - 1 PVC                                    | 18TB3 | 80.75           |     |
| - 2 through 8 PVCs[5]                      | 18TC3 | 7.06            | (T) |

[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.

[2] Vintage rate in effect 1/17/94 through 11/13/94.

[3] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.

[4] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.

[5] For each PVC over 1, up to and including 8, add this rate to the monthly rate for 1 PVCs.

Certain material previously found on this page can now be found on Page 8-99.1.

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8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

D.3. (Cont'd)

|  | USOC  | MONTHLY<br>RATE | (M)<br>(M) |
|--|-------|-----------------|------------|
| • 112 or 128 kbps (4-Wire)- UNIT, per Port |       |                 |            |
| - 1 PVC                                    | 17TA3 | \$111.00        | (T)        |
| Vintage[1]                                 |       | 65.95           | (N)        |
| - 2 PVCs                                   | 17TB3 | 113.80          | (M)        |
| Vintage[1]                                 |       | 68.83           | (N)        |
| - 3 PVCs                                   | 17TC3 | 116.55          | (M)        |
| Vintage[1]                                 |       | 72.07           | (N)        |
| - 4 PVCs                                   | 17TD3 | 119.35          | (M)        |
| Vintage[1]                                 |       | 75.31           | (N)        |
| - 5 PVCs                                   | 17TE3 | 122.10          | (M)        |
| Vintage[1]                                 |       | 78.54           | (N)        |
| - 6 PVCs through 14[2], per PVC            | 17TG3 | 1.10            | (T)        |
| - 15 PVCs through 24[3], per PVC           | 17TH3 | 0.80            | (T)        |
| Vintage[1]                                 |       | 0.43            | (N)        |
| - Each additional PVC over 24[4], per PVC  | 17TJ3 | 0.45            | (T)        |
| Vintage[1]                                 |       | 0.18            | (N)        |

- [1] Vintage rate in effect 11/14/94 through 12/13/96. (N)
- [2] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs. (T)
- [3] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs. (M)
- [4] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs. (T)
- Certain material on this page formerly appeared on Page 8-99. (M)
- Certain material previously found on this page can now be found on Page 8-99.1.1. (N)

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8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

D.3. (Cont'd)

|  | USOC  | MONTHLY<br>RATE | (T) |
|--|-------|-----------------|-----|
| • 224 or 256 kbps - UNIT, per Port       |       |                 |     |
| - 1 PVC                                  | 17TA3 | \$148.00        | (M) |
| Vintage[1]                               |       | 88.54           | (N) |
| - 2 PVCs                                 | 17TB3 | 153.55          | (M) |
| Vintage[1]                               |       | 94.75           | (N) |
| - 3 PVCs                                 | 17TC3 | 159.10          | (M) |
| Vintage[1]                               |       | 100.95          | (N) |
| - 4 PVCs                                 | 17TD3 | 164.65          | (M) |
| Vintage[1]                               |       | 107.14          | (N) |
| - 5 PVCs                                 | 17TE3 | 170.20          | (M) |
| Vintage[1]                               |       | 113.33          | (N) |
| - 6 PVCs through 14[2], per PVC          | 17TG3 | 2.15            | (T) |
| - 15 PVCs through 24[3], per PVC         | 17TH3 | 1.55            | (T) |
| Vintage[1]                               |       | 0.94            | (N) |
| - Each additional PVC over 24[4],per PVC | 17TJ3 | 0.45            | (T) |
| Vintage[1]                               |       | 0.35            | (N) |
| • 336 or 384 kbps - UNIT, per Port       |       |                 | (M) |
| - 1 PVC                                  | 17TA3 | 185.00          | (M) |
| Vintage[1]                               |       | 111.49          | (N) |
| - 2 PVCs                                 | 17TB3 | 193.10          | (M) |
| Vintage[1]                               |       | 120.65          | (N) |
| - 3 PVCs                                 | 17TC3 | 201.20          | (M) |
| Vintage[1]                               |       | 129.81          | (N) |
| - 4 PVCs                                 | 17TD3 | 209.30          | (M) |
| Vintage[1]                               |       | 139.77          | (N) |
| - 5 PVCs                                 | 17TE3 | 217.40          | (M) |
| Vintage[1]                               |       | 149.73          | (N) |
| - 6 PVCs through 14[2], per PVC          | 17TG3 | 3.25            | (T) |
| - 15 PVCs through 24[3], per PVC         | 17TH3 | 2.30            | (T) |
| Vintage[1]                               |       | 1.41            | (N) |
| - Each additional PVC over 24[4],per PVC | 17TJ3 | 0.45            | (T) |

[1] Vintage rate in effect 11/14/94 through 12/13/96.

[2] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.

[3] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.

[4] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.

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## 8. ADVANCED COMMUNICATIONS NETWORKS

### 8.4 RATES AND CHARGES

#### 8.4.2 FRAME RELAY SERVICE

##### D.3. (Cont'd)

|   | USOC  | MONTHLY<br>RATE |     |
|---|-------|-----------------|-----|
| • 448 or 512 kbps - UNIT, per Port        |       |                 |     |
| - 1 PVC                                   | 17TA3 | \$217.40        |     |
| Vintage[1]                                |       | 134.45          | (N) |
| - 2 PVCs                                  | 17TB3 | 226.15          |     |
| Vintage[1]                                |       | 146.56          | (N) |
| - 3 PVCs                                  | 17TC3 | 234.95          |     |
| Vintage[1]                                |       | 158.67          | (N) |
| - 4 PVCs                                  | 17TD3 | 243.75          |     |
| Vintage[1]                                |       | 173.36          | (N) |
| - 5 PVCs                                  | 17TE3 | 252.55          |     |
| Vintage[1]                                |       | 188.05          | (N) |
| - 6 PVCs through 14[2], per PVC           | 17TG3 | 3.45            | (T) |
| - 15 PVCs through 24[3], per PVC          | 17TH3 | 2.30            | (T) |
| Vintage[1]                                |       | 1.88            | (N) |
| - Each additional PVC over 24[4], per PVC | 17TJ3 | 0.45            | (T) |
| • 672 or 768 kbps - UNIT, per Port        |       |                 |     |
| - 1 PVC                                   | 17TA3 | 286.75          |     |
| Vintage[1]                                |       | 181.03          | (N) |
| - 2 PVCs                                  | 17TB3 | 299.70          |     |
| Vintage[1]                                |       | 199.72          | (N) |
| - 3 PVCs                                  | 17TC3 | 312.65          |     |
| Vintage[1]                                |       | 218.39          | (N) |
| - 4 PVCs                                  | 17TD3 | 325.60          |     |
| Vintage[1]                                |       | 239.35          | (N) |
| - 5 PVCs                                  | 17TE3 | 338.55          |     |
| Vintage[1]                                |       | 261.35          | (N) |
| - 6 PVCs through 14[2], per PVC           | 17TG3 | 3.70            | (T) |
| - 15 PVCs through 24[3], per PVC          | 17TH3 | 2.55            | (T) |
| - Each additional PVC over 24[4], per PVC | 17TJ3 | 0.80            | (T) |

- [1] Vintage rate in effect 11/14/94 through 12/13/96. (N)
- [2] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs. (T)
- [3] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs. (T)
- [4] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs. (T)

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8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

D.3. (Cont'd)

|  | USOC  | MONTHLY<br>RATE |     |
|--|-------|-----------------|-----|
| • 1.544 Mbps - UNIT, per Port              |       |                 |     |
| - 0 PVCs, used with Fault Tolerant Service | 17T93 | \$198.88        |     |
| - 1 PVC                                    | 17TA3 | 222.00          |     |
| Vintage[1]                                 |       | 127.21          | (N) |
| - 2 PVCs                                   | 17TB3 | 256.25          |     |
| Vintage[1]                                 |       | 178.72          | (N) |
| - 3 PVCs                                   | 17TC3 | 290.45          |     |
| Vintage[1]                                 |       | 230.24          | (N) |
| - 4 PVCs                                   | 17TD3 | 324.70          |     |
| Vintage[1]                                 |       | 281.03          | (N) |
| - 5 PVCs                                   | 17TE3 | 358.90          |     |
| Vintage[1]                                 |       | 331.83          | (N) |
| - 6 PVCs through 14[2], per PVC            | 17TG3 | 17.60           | (T) |
| Vintage[3]                                 |       | 17.08           | (N) |
| - 15 PVCs through 24[4], per PVC           | 17TH3 | 4.65            | (T) |
| - Each additional PVC over 24[5], per PVC  | 17TJ3 | 0.45            | (T) |
| Vintage[1]                                 |       | 0.23            | (N) |

- [1] Vintage rate in effect 11/14/94 through 12/13/96. (N)
- [2] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs. (T)
- [3] Vintage rate in effect 1/17/94 through 11/13/94. (N)
- [4] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs. (T)
- [5] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs. (T)

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8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

D.3. (Cont'd)

|  | USOC  | MONTHLY<br>RATE | (M) |
|--|-------|-----------------|-----|
| • 44.736 Mbps - UNIT, per Port             |       |                 | (M) |
| - 0 PVCs, used with Fault Tolerant Service | 17T93 | \$3,237.50      | (T) |
| - 1 PVC                                    | 17TU3 | 3,515.00        | (M) |
| - 2 PVCs through 50[1], per PVC            | 17TV3 | 27.75           | (T) |
| - 51 PVCs through 140[2], per PVC          | 17TW3 | 7.40            |     |
| - 141 PVCs through 240[3], per PVC         | 17TY3 | 3.70            |     |
| - 241 PVCs through 500[4], per PVC         | 17TZ3 | 1.85            | (T) |

- [1] For each PVC over 1, up to and including 50, add this rate to the monthly rate for 1 PVC. (T)  
(M)
- [2] For each PVC over 50, up to and including 140, add this rate to the total monthly rate for 50 PVCs. (T)  
(M)
- [3] For each PVC over 140, up to and including 240, add this rate to the total monthly rate for 140 PVCs. (T)  
(M)
- [4] For each PVC over 240, up to and including 500, add this rate to the total monthly rate for 240 PVCs. (T)  
(M)

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8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

D. 36 Months (Cont'd)

4. Network-To-Network Information Transfer (NNIT)

|  | USOC  | NONRECURRING<br>CHARGE |
|--|-------|------------------------|
| • 56 or 64 kbps  |       |                        |
| - First PVC  | NRBF1 | \$ 50.00               |
| - Each additional PVC  | NRBF2 | 20.00                  |
| - Subsequent PVC(s) order charge,<br>per order[1]  | NRBFO | 75.00                  |
| • 112 or 128 kbps, 224 or 256 kbps, 336 or<br>384 kbps, 448 or 512 kbps, and 672 or 768 kbps |       |                        |
| - First PVC  | NRBF1 | 250.00                 |
| - Each additional PVC  | NRBF2 | 20.00                  |
| - Subsequent PVC(s) order charge,<br>per order[1]  | NRBFO | 75.00                  |
| • 1.544 Mbps   |       |                        |
| - First PVC  | NRBF1 | 50.00                  |
| - Each additional PVC  | NRBF2 | 20.00                  |
| - Subsequent PVC(s) order charge,<br>per order[1]  | NRBFO | 75.00                  |

[1] When appropriate, the "Each additional PVC" nonrecurring charge applies in addition to the "Subsequent PVC order charge".

(C)  
(C)

8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

D.4. (Cont'd)

|  | USOC  | MONTHLY<br>RATE |     |
|--|-------|-----------------|-----|
| • 56 or 64 kbps - NNIT, per Port         |       |                 |     |
| - 1 PVC                                  | 17TA3 | \$35.15         |     |
| Vintage[1]                               |       | 35.14           | (N) |
| - 2 PVCs                                 | 17TB3 | 39.15           |     |
| Vintage[1]                               |       | 36.84           | (N) |
| - 3 PVCs                                 | 17TC3 | 43.20           |     |
| Vintage[1]                               |       | 38.55           | (N) |
| - 4 PVCs                                 | 17TD3 | 47.20           |     |
| Vintage[1]                               |       | 40.27           | (N) |
| - 5 PVCs                                 | 17TE3 | 51.25           |     |
| Vintage[1]                               |       | 41.97           | (N) |
| - 6 PVCs through 14[2], per PVC          | 17TG3 | 0.45            | (T) |
| - 15 PVCs through 24[3], per PVC         | 17TH3 | 0.30            | (T) |
| Vintage[1]                               |       | 0.15            | (N) |
| - Each additional PVC over 24[4],per PVC | 17TJ3 | 0.25            | (T) |
| Vintage[1]                               |       | 0.06            | (N) |
| • 112 or 128 kbps - NNIT, per Port       |       |                 |     |
| - 1 PVC                                  | 17TA3 | 78.65           |     |
| Vintage[1]                               |       | 46.01           | (N) |
| - 2 PVCs                                 | 17TB3 | 81.40           |     |
| Vintage[1]                               |       | 49.25           | (N) |
| - 3 PVCs                                 | 17TC3 | 84.20           |     |
| Vintage[1]                               |       | 52.49           | (N) |
| - 4 PVCs                                 | 17TD3 | 86.95           |     |
| Vintage[1]                               |       | 55.73           | (N) |
| - 5 PVCs                                 | 17TE3 | 89.75           |     |
| Vintage[1]                               |       | 58.96           | (N) |
| - 6 PVCs through 14[2], per PVC          | 17TG3 | 1.10            | (T) |
| - 15 PVCs through 24[3], per PVC         | 17TH3 | 0.80            | (T) |
| Vintage[1]                               |       | 0.31            | (N) |
| - Each additional PVC over 24[4],per PVC | 17TJ3 | 0.45            | (T) |
| Vintage[1]                               |       | 0.11            | (N) |

- [1] Vintage rate in effect 11/14/94 through 12/13/96. (N)  
 [2] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs. (T)  
 [3] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs. (T)  
 [4] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs. (T)

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8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

D.4. (Cont'd)

|   | USOC  | MONTHLY<br>RATE |     |
|---|-------|-----------------|-----|
| • 224 or 256 kbps - NNIT, per Port        |       |                 |     |
| - 1 PVC                                   | 17TA3 | \$115.65        |     |
| Vintage[1]                                |       | 68.97           | (N) |
| - 2 PVCs                                  | 17TB3 | 121.20          |     |
| Vintage[1]                                |       | 75.18           | (N) |
| - 3 PVCs                                  | 17TC3 | 126.75          |     |
| Vintage[1]                                |       | 81.37           | (N) |
| - 4 PVCs                                  | 17TD3 | 132.30          |     |
| Vintage[1]                                |       | 87.57           | (N) |
| - 5 PVCs                                  | 17TE3 | 137.85          |     |
| Vintage[1]                                |       | 93.75           | (N) |
| - 6 PVCs through 14[2], per PVC           | 17TG3 | 2.15            | (T) |
| - 15 PVCs through 24[3], per PVC          | 17TH3 | 1.55            | (T) |
| Vintage[1]                                |       | 0.56            | (N) |
| - Each additional PVC over 24[4], per PVC | 17TJ3 | 0.45            | (T) |
| Vintage[1]                                |       | 0.21            | (N) |
| • 336 or 384 kbps - NNIT, per Port        |       |                 |     |
| - 1 PVC                                   | 17TA3 | 157.25          |     |
| Vintage[1]                                |       | 91.92           | (N) |
| - 2 PVCs                                  | 17TB3 | 165.35          |     |
| Vintage[1]                                |       | 101.07          | (N) |
| - 3 PVCs                                  | 17TC3 | 173.45          |     |
| Vintage[1]                                |       | 110.21          | (N) |
| - 4 PVCs                                  | 17TD3 | 181.55          |     |
| Vintage[1]                                |       | 119.37          | (N) |
| - 5 PVCs                                  | 17TE3 | 189.65          |     |
| Vintage[1]                                |       | 128.51          | (N) |
| - 6 PVCs through 14[2], per PVC           | 17TG3 | 3.25            | (T) |
| - 15 PVCs through 24[3], per PVC          | 17TH3 | 2.30            | (T) |
| Vintage[1]                                |       | 0.85            | (N) |
| - Each additional PVC over 24[4], per PVC | 17TJ3 | 0.45            | (T) |
| Vintage[1]                                |       | 0.31            | (N) |

[1] Vintage rate in effect 11/14/94 through 12/13/96. (N)

[2] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs. (T)

[3] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs. (T)

[4] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs. (T)

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8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

D.4. (Cont'd)

|   | USOC  | MONTHLY<br>RATE |     |
|---|-------|-----------------|-----|
| • 448 or 512 kbps - NNIT, per Port        |       |                 |     |
| - 1 PVC                                   | 17TA3 | \$189.65        |     |
| Vintage[1]                                |       | 114.87          | (N) |
| - 2 PVCs                                  | 17TB3 | 198.40          |     |
| Vintage[1]                                |       | 126.98          | (N) |
| - 3 PVCs                                  | 17TC3 | 207.20          |     |
| Vintage[1]                                |       | 139.09          | (N) |
| - 4 PVCs                                  | 17TD3 | 216.00          |     |
| Vintage[1]                                |       | 151.19          | (N) |
| - 5 PVCs                                  | 17TE3 | 224.80          |     |
| Vintage[1]                                |       | 163.30          | (N) |
| - 6 PVCs through 14[2], per PVC           | 17TG3 | 3.45            | (T) |
| - 15 PVCs through 24[3], per PVC          | 17TH3 | 2.30            | (T) |
| Vintage[1]                                |       | 1.13            | (N) |
| - Each additional PVC over 24[4], per PVC | 17TJ3 | 0.45            | (T) |
| Vintage[1]                                |       | 0.43            | (N) |
| • 672 or 768 kbps - NNIT, per Port        |       |                 |     |
| - 1 PVC                                   | 17TA3 | 259.00          |     |
| Vintage[1]                                |       | 161.45          | (N) |
| - 2 PVCs                                  | 17TB3 | 271.05          |     |
| Vintage[1]                                |       | 180.13          | (N) |
| - 3 PVCs                                  | 17TC3 | 283.05          |     |
| Vintage[1]                                |       | 198.82          | (N) |
| - 4 PVCs                                  | 17TD3 | 295.10          |     |
| Vintage[1]                                |       | 217.50          | (N) |
| - 5 PVCs                                  | 17TE3 | 307.10          |     |
| Vintage[1]                                |       | 236.18          | (N) |
| - 6 PVCs through 14[2], per PVC           | 17TG3 | 3.45            | (T) |
| - 15 PVCs through 24[3], per PVC          | 17TH3 | 2.30            | (T) |
| - Each additional PVC over 24[4], per PVC | 17TJ3 | 0.45            | (T) |

- [1] Vintage rate in effect 11/14/94 through 12/13/96. (N)  
[2] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs. (T)  
[3] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs. (T)  
[4] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs. (T)

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8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

D.4. (Cont'd)

|   | USOC  | MONTHLY<br>RATE |     |
|---|-------|-----------------|-----|
| • 1.544 Mbps - NNIT, per Port             |       |                 |     |
| - 1 PVC                                   | 17TA3 | \$194.25        |     |
| Vintage[1]                                |       | 107.62          | (N) |
| - 2 PVCs                                  | 17TB3 | 228.50          |     |
| Vintage[1]                                |       | 158.42          | (N) |
| - 3 PVCs                                  | 17TC3 | 262.70          |     |
| Vintage[1]                                |       | 209.23          | (N) |
| - 4 PVCs                                  | 17TD3 | 296.95          |     |
| Vintage[1]                                |       | 260.01          | (N) |
| - 5 PVCs                                  | 17TE3 | 331.15          |     |
| Vintage[1]                                |       | 310.81          | (N) |
| - 6 PVCs through 14[2], per PVC           | 17TG3 | 17.60           | (T) |
| - 15 PVCs through 24[3], per PVC          | 17TH3 | 4.65            | (T) |
| Vintage[1]                                |       | 4.17            | (N) |
| - Each additional PVC over 24[4], per PVC | 17TJ3 | 0.45            | (T) |
| Vintage[1]                                |       | 0.14            | (N) |

[1] Vintage rate in effect 11/14/94 through 12/13/96. (N)

[2] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs. (T)

[3] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs. (T)

[4] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs. (T)

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8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

D. 36 Months (Cont'd)

|  | USOC  | NONRECURRING<br>CHARGE | MONTHLY<br>RATE |            |
|--|-------|------------------------|-----------------|------------|
| 5. Central Office Connecting Channel   |       |                        |                 |            |
| • Per connection between a Multiplexer and FRS Port or between a Company facility port and an FRS Port         |       |                        |                 | (T)<br>(T) |
| - For speeds up to 1.544 Mbps  | CU5UR | \$25.00                | \$ 0.60         | (T)        |
| - For speeds up to 44.736 Mbps   | CU5UR | 50.00                  | 9.25            | (N)        |
| 6. Transport Channels[1]   |       |                        |                 |            |
| 7. Optional Features and Functions   |       |                        |                 |            |
| • Customer Network Management (CNM)  |       |                        |                 |            |
| - Per workstation registered address initial setup   | NM6X3 | 15.00                  | 61.98           |            |
| - Subsequent CNM order charge, per workstation registered address change or addition of CNM to existing FRS[2] | NR9FM | 38.00                  | —               |            |

[1] See Section 7 for Transport Channel rates and regulations.

[2] When adding CNM to existing FRS, the Subsequent CNM Order Charge applies in addition to the Nonrecurring Charge for the initial setup of CNM.

8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

D.7. (Cont'd)

|                                    | USOC  | NONRECURRING<br>CHARGE | MONTHLY<br>RATE | (N) |
|------------------------------------|-------|------------------------|-----------------|-----|
| • Priority UNIT PVC[1],<br>per PVC |       |                        |                 |     |
| - 56 or 64 kbps                    | PV7X3 | \$50.00                | \$4.63          |     |
| - 112 or 128 kbps                  | PV7X3 | 50.00                  | 5.39            |     |
| - 224 or 256 kbps                  | PV7X3 | 50.00                  | 6.17            |     |
| - 336 or 384 kbps                  | PV7X3 | 50.00                  | 6.94            |     |
| - 448 or 512 kbps                  | PV7X3 | 50.00                  | 7.71            |     |
| - 672 or 768 kbps                  | PV7X3 | 50.00                  | 8.48            |     |
| - 1.544 Mbps                       | PV7X3 | 50.00                  | 9.25            |     |
| - 44.736 Mbps                      | PV7X3 | 50.00                  | 9.25            | (N) |

[1] Priority PVC rates and charges apply in addition to the UNIT PVC rates and charges set forth preceding.

(N)  
(N)

8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

D.7. (Cont'd)

|                 | USOC  | NONRECURRING<br>CHARGE | MONTHLY<br>RATE | (N) |
|-----------------|-------|------------------------|-----------------|-----|
| • Per Video PVC |       |                        |                 | (N) |
| - 384 kbps CIR  | PVUE3 | \$700.00               | \$18.50         |     |
| - 512 kbps CIR  | PVUF3 | 700.00                 | 27.75           | (N) |

[1] Video PVC rates and charges apply in addition to the 1.544 Mbps UNIT PVC rates and charges set forth preceding. (N)  
(N)

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8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE (Cont'd)

E. 48 Months

|   | USOC  | NONRECURRING<br>CHARGE | MONTHLY<br>RATE |     |
|---|-------|------------------------|-----------------|-----|
| 1. Access Link, per Access Link                   |       |                        |                 |     |
| • 56 or 64 kbps                                   | L7AX4 | \$450.00               | \$ 42.90        |     |
| - Vintage[1]                                      |       |                        | 16.17           | (N) |
| - Vintage[2]                                      |       |                        | 17.82           | (N) |
| - Vintage[3]                                      |       |                        | 37.19           | (N) |
| • 1.544 Mbps                                      | L7AX4 | 450.00                 | 115.43          |     |
| - Vintage[1]                                      |       |                        | 107.09          | (N) |
| - Vintage[2]                                      |       |                        | 108.84          | (N) |
| 2. Stand-Alone Access Link,<br>per Access Link    |       |                        |                 |     |
| • 56 or 64 kbps                                   | NNLX4 | 450.00                 | 42.90           |     |
| - Vintage[3]                                      |       |                        | 37.19           | (N) |
| • 1.544 Mbps                                      | NNLX4 | 450.00                 | 115.43          |     |
| 3. User-To-Network Information Transfer (UNIT)    |       |                        |                 |     |
|   | USOC  | NONRECURRING<br>CHARGE |                 |     |
| • 56 or 64 kbps                                   |       |                        |                 |     |
| - First PVC                                       | NRBF1 | \$50.00                |                 |     |
| - Each additional PVC                             | NRBF2 | 20.00                  |                 |     |
| - Subsequent PVC(s) order charge,<br>per order[4] | NRBFO | 75.00                  |                 | (T) |

- [1] Vintage rate in effect 10/12/92 through 1/16/94. (N)  
 [2] Vintage rate in effect 1/17/94 through 11/13/94. (N)  
 [3] Vintage rate in effect 11/14/94 through 12/13/96. (N)  
 [4] When appropriate, the "Each additional PVC" nonrecurring charge applies in addition to the "Subsequent PVC order charge". (T)

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8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

E.3. (Cont'd)

|   | USOC  | NONRECURRING<br>CHARGE |
|---|-------|------------------------|
| • 112 or 128 kbps, 224 or 256 kbps, 336 or 384 kbps, 448 or 512 kbps, and 672 or 768 kbps |       |                        |
| - First PVC   | NRBF1 | \$250.00               |
| - Each additional PVC   | NRBF2 | 20.00                  |
| - Subsequent PVC(s) order charge, per order[1]  | NRBFO | 75.00                  |
| • 1.544 Mbps  |       |                        |
| - First PVC   | NRBF1 | 50.00                  |
| - Each additional PVC   | NRBF2 | 20.00                  |
| - Subsequent PVC(s) order charge, per order[1]  | NRBFO | 75.00                  |
| • 44.736 Mbps   |       |                        |
| - First PVC   | NRBF1 | 250.00                 |
| - Each additional PVC   | NRBF2 | 50.00                  |
| - Subsequent PVC(s) order charge, per order[1]  | NRBFO | 75.00                  |
| • Fault Tolerant Service, per UNIT  |       |                        |
| - Initial Service Establishment   | NRBF4 | 500.00                 |
| - Subsequent Service Establishment  | NRBF5 | 50.00                  |
| - Activation and Restoral   | NRBF6 | 500.00                 |

[1] When appropriate, the "Each additional PVC" nonrecurring charge applies in addition to the "Subsequent PVC order charge".

(C)  
(C)

## 8. ADVANCED COMMUNICATIONS NETWORKS

### 8.4 RATES AND CHARGES

#### 8.4.2 FRAME RELAY SERVICE

E.3. (Cont'd)

|  | USOC  | MONTHLY<br>RATE |     |
|--|-------|-----------------|-----|
| • 56 or 64 kbps - UNIT, per Port           |       |                 |     |
| - 0 PVCs, used with Fault Tolerant Service | 17T94 | \$ 31.94        |     |
| - 1 PVC                                    | 17TA4 | 35.84           |     |
| - 2 PVCs                                   | 17TB4 | 40.63           |     |
| - 3 PVCs                                   | 17TC4 | 43.61           |     |
| - 4 PVCs                                   | 17TD4 | 46.59           |     |
| - 5 PVCs                                   | 17TE4 | 49.54           |     |
| - 6 PVCs through 14[1], per PVC            | 17TG4 | 1.13            |     |
| Vintage[2]                                 |       | 1.03            | (N) |
| - 15 PVCs through 24[3], per PVC           | 17TH4 | 0.25            | (T) |
| Vintage[2]                                 |       | 0.21            | (N) |
| - Each additional PVC over 24[4], per PVC  | 17TJ4 | 0.25            | (T) |
| Vintage[2]                                 |       | 0.09            | (N) |
| Vintage[5]                                 |       | 0.10            | (N) |
| • 112 or 128 kbps - UNIT, per Port         |       |                 |     |
| - 1 PVC                                    | 17TA4 | 109.50          |     |
| Vintage[5]                                 |       | 64.71           | (N) |
| - 2 PVCs                                   | 17TB4 | 112.25          |     |
| Vintage[5]                                 |       | 67.90           | (N) |
| - 3 PVCs                                   | 17TC4 | 115.00          |     |
| Vintage[5]                                 |       | 71.09           | (N) |
| - 4 PVCs                                   | 17TD4 | 117.70          |     |
| Vintage[5]                                 |       | 74.30           | (N) |
| - 5 PVCs                                   | 17TE4 | 120.45          |     |
| Vintage[5]                                 |       | 77.48           | (N) |
| - 6 PVCs through 14[1], per PVC            | 17TG4 | 1.10            |     |
| - 15 PVCs through 24[3], per PVC           | 17TH4 | 0.80            | (T) |
| Vintage[5]                                 |       | 0.42            | (N) |
| - Each additional PVC over 24[4], per PVC  | 17TJ4 | 0.45            | (T) |
| Vintage[5]                                 |       | 0.17            | (N) |

[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.

[2] Vintage rate in effect 1/17/94 through 11/13/94.

[3] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.

[4] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.

[5] Vintage rate in effect 11/14/94 through 12/13/96.

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8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

E.3. (Cont'd)

|  | USOC  | MONTHLY<br>RATE |
|--|-------|-----------------|
| • 224 or 256 kbps - UNIT, per Port           |       |                 |
| - 1 PVC                                      | 17TA4 | \$146.00 (I)    |
| - 2 PVCs                                     | 17TB4 | 151.50          |
| - 3 PVCs                                     | 17TC4 | 156.95          |
| - 4 PVCs                                     | 17TD4 | 162.45          |
| - 5 PVCs                                     | 17TE4 | 167.90 (I)      |
| - 6 PVCs through 14[1], per PVC              | 17TG4 | 2.15 (R)        |
| - 15 PVCs through 24[2], per PVC             | 17TH4 | 1.50 (I)        |
| - Each additional PVC over 24[3],<br>per PVC | 17TJ4 | 0.45 (I)        |
| • 336 or 384 kbps - UNIT, per Port           |       |                 |
| - 1 PVC                                      | 17TA4 | 182.50 (I)      |
| - 2 PVCs                                     | 17TB4 | 190.50          |
| - 3 PVCs                                     | 17TC4 | 198.45          |
| - 4 PVCs                                     | 17TD4 | 206.45          |
| - 5 PVCs                                     | 17TE4 | 214.45 (I)      |
| - 6 PVCs through 14[1], per PVC              | 17TG4 | 3.20 (R)        |
| - 15 PVCs through 24[2], per PVC             | 17TH4 | 2.30 (I)        |
| - Each additional PVC over 24[3],<br>per PVC | 17TJ4 | 0.45 (R)        |

[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.

[2] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs.

[3] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.

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**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.4 RATES AND CHARGES**

**8.4.2 FRAME RELAY SERVICE**

E.3. (Cont'd)

|   | USOC  | MONTHLY<br>RATE |     |
|---|-------|-----------------|-----|
| • 448 or 512 kbps - UNIT, per Port        |       |                 |     |
| - 1 PVC                                   | 17TA4 | \$214.45        |     |
| Vintage[1]                                |       | 132.63          | (N) |
| - 2 PVCs                                  | 17TB4 | 223.10          |     |
| Vintage[1]                                |       | 144.58          | (N) |
| - 3 PVCs                                  | 17TC4 | 231.80          |     |
| Vintage[1]                                |       | 156.52          | (N) |
| - 4 PVCs                                  | 17TD4 | 240.45          |     |
| Vintage[1]                                |       | 171.02          | (N) |
| - 5 PVCs                                  | 17TE4 | 249.10          |     |
| Vintage[1]                                |       | 185.51          | (N) |
| - 6 PVCs through 14[2], per PVC           | 17TG4 | 3.40            | (T) |
| - 15 PVCs through 24[3], per PVC          | 17TH4 | 2.30            | (T) |
| Vintage[1]                                |       | 1.85            | (N) |
| - Each additional PVC over 24[4], per PVC | 17TJ4 | 0.45            | (T) |
| • 672 or 768 kbps - UNIT, per Port        |       |                 |     |
| - 1 PVC                                   | 17TA4 | 282.90          |     |
| Vintage[1]                                |       | 178.59          | (N) |
| - 2 PVCs                                  | 17TB4 | 295.65          |     |
| Vintage[1]                                |       | 197.02          | (N) |
| - 3 PVCs                                  | 17TC4 | 308.45          |     |
| Vintage[1]                                |       | 215.44          | (N) |
| - 4 PVCs                                  | 17TD4 | 321.20          |     |
| Vintage[1]                                |       | 236.62          | (N) |
| - 5 PVCs                                  | 17TE4 | 334.00          |     |
| Vintage[1]                                |       | 257.82          | (N) |
| - 6 PVCs through 14[2], per PVC           | 17TG4 | 3.65            | (T) |
| - 15 PVCs through 24[3], per PVC          | 17TH4 | 2.50            | (T) |
| - Each additional PVC over 24[4], per PVC | 17TJ4 | 0.80            | (T) |

- [1] Vintage rate in effect 11/14/94 through 12/13/96. (N)  
 [2] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs. (T)  
 [3] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs. (T)  
 [4] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs. (T)

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## 8. ADVANCED COMMUNICATIONS NETWORKS

### 8.4 RATES AND CHARGES

#### 8.4.2 FRAME RELAY SERVICE

E.3. (Cont'd)

|  | USOC  | MONTHLY<br>RATE |     |
|--|-------|-----------------|-----|
| • 1.544 Mbps - UNIT, per Port              |       |                 |     |
| - 0 PVCs, used with Fault Tolerant Service | 17T94 | \$ 196.19       |     |
| - 1 PVC                                    | 17TA4 | 219.00          |     |
| Vintage[1]                                 |       | 125.49          | (N) |
| - 2 PVCs                                   | 17TB4 | 252.75          |     |
| Vintage[1]                                 |       | 176.30          | (N) |
| - 3 PVCs                                   | 17TC4 | 286.55          |     |
| Vintage[1]                                 |       | 227.13          | (N) |
| - 4 PVCs                                   | 17TD4 | 320.30          |     |
| Vintage[1]                                 |       | 277.24          | (N) |
| - 5 PVCs                                   | 17TE4 | 354.05          |     |
| Vintage[1]                                 |       | 327.34          | (N) |
| 6 PVCs through 14[2], per PVC              | 17TG4 | 17.35           | (T) |
| 15 PVCs through 24[3], per PVC             | 17TH4 | 4.55            |     |
| Each additional PVC over 24[4], per PVC    | 17TJ4 | 0.45            | (T) |
| Vintage[1]                                 |       | 0.23            | (N) |
| • 44.736 Mbps - UNIT, per Port             |       |                 |     |
| - 0 PVCs, used with Fault Tolerant Service | 17T94 | 3,193.75        |     |
| - 1 PVC                                    | 17TU4 | 3,467.50        |     |
| - 2 PVCs through 50[5], per PVC            | 17TV4 | 27.38           | (T) |
| - 51 PVCs through 140[6], per PVC          | 17TW4 | 7.30            |     |
| - 141 PVCs through 240[7], per PVC         | 17TY4 | 3.65            |     |
| - 241 PVCs through 500[8], per PVC         | 17TZ4 | 1.83            | (T) |

- [1] Vintage rate in effect 11/14/94 through 12/13/96. (N)
- [2] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs. (T)
- [3] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs. (T)
- [4] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs. (T)
- [5] For each PVC over 1, up to and including 50, add this rate to the monthly rate for 1 PVC. (T)
- [6] For each PVC over 50, up to and including 140, add this rate to the total monthly rate for 50 PVCs. (T)
- [7] For each PVC over 140, up to and including 240, add this rate to the total monthly rate for 140 PVCs. (T)
- [8] For each PVC over 240, up to and including 500, add this rate to the total monthly rate for 240 PVCs. (T)

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8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

E. 48 Months (Cont'd)

4. Network-To-Network Information Transfer (NNIT)

|  | USOC  | NONRECURRING<br>CHARGE |
|--|-------|------------------------|
| • 56 or 64 kbps  |       |                        |
| - First PVC  | NRBF1 | \$ 50.00               |
| - Each additional PVC  | NRBF2 | 20.00                  |
| - Subsequent PVC(s) order charge,<br>per order[1]  | NRBFO | 75.00                  |
| • 112 or 128 kbps, 224 or 256 kbps, 336 or<br>384 kbps, 448 or 512 kbps, and 672 or 768 kbps |       |                        |
| - First PVC  | NRBF1 | 250.00                 |
| - Each additional PVC  | NRBF2 | 20.00                  |
| - Subsequent PVC(s) order charge,<br>per order[1]  | NRBFO | 75.00                  |
| • 1.544 Mbps   |       |                        |
| - First PVC  | NRBF1 | 50.00                  |
| - Each additional PVC  | NRBF2 | 20.00                  |
| - Subsequent PVC(s) order charge,<br>per order[1]  | NRBFO | 75.00                  |

[1] When appropriate, the "Each additional PVC" nonrecurring charge applies in addition to the "Subsequent PVC order charge".

(C)  
(C)

**8. ADVANCED COMMUNICATIONS NETWORKS**

**8.4 RATES AND CHARGES**

**8.4.2 FRAME RELAY SERVICE**

E.4. (Cont'd)

|   | USOC  | MONTHLY<br>RATE |     |
|---|-------|-----------------|-----|
| • 56 or 64 kbps - NNIT, per Port          |       |                 |     |
| - 1 PVC                                   | 17TA4 | \$34.70         |     |
| Vintage[1]                                |       | 34.67           | (N) |
| - 2 PVCs                                  | 17TB4 | 38.65           |     |
| Vintage[1]                                |       | 36.34           | (N) |
| - 3 PVCs                                  | 17TC4 | 42.60           |     |
| Vintage[1]                                |       | 38.03           | (N) |
| - 4 PVCs                                  | 17TD4 | 46.60           |     |
| Vintage[1]                                |       | 39.72           | (N) |
| - 5 PVCs                                  | 17TE4 | 50.55           |     |
| Vintage[1]                                |       | 41.40           | (N) |
| - 6 PVCs through 14[2], per PVC           | 17TG4 | 0.45            | (T) |
| - 15 PVCs through 24[3], per PVC          | 17TH4 | 0.25            | (T) |
| Vintage[1]                                |       | 0.15            | (N) |
| - Each additional PVC over 24[4], per PVC | 17TJ4 | 0.25            | (T) |
| Vintage[1]                                |       | 0.06            | (N) |
| • 112 or 128 kbps - NNIT, per Port        |       |                 |     |
| - 1 PVC                                   | 17TA4 | 77.55           |     |
| Vintage[1]                                |       | 45.39           | (N) |
| - 2 PVCs                                  | 17TB4 | 80.30           |     |
| Vintage[1]                                |       | 48.58           | (N) |
| - 3 PVCs                                  | 17TC4 | 83.05           |     |
| Vintage[1]                                |       | 51.78           | (N) |
| - 4 PVCs                                  | 17TD4 | 85.80           |     |
| Vintage[1]                                |       | 54.98           | (N) |
| - 5 PVCs                                  | 17TE4 | 88.50           |     |
| Vintage[1]                                |       | 58.16           | (N) |
| - 6 PVCs through 14[2], per PVC           | 17TG4 | 1.10            | (T) |
| - 15 PVCs through 24[3], per PVC          | 17TH4 | 0.80            | (T) |
| Vintage[1]                                |       | 0.30            | (N) |
| - Each additional PVC over 24[4], per PVC | 17TJ4 | 0.45            | (T) |
| Vintage[1]                                |       | 0.11            | (N) |

[1] Vintage rate in effect 11/14/94 through 12/13/96. (N)

[2] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs. (T)

[3] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs. (T)

[4] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs. (T)

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8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

E.4. (Cont'd)

|   | USOC  | MONTHLY<br>RATE |     |
|---|-------|-----------------|-----|
| • 224 or 256 kbps - NNIT, per Port        |       |                 |     |
| - 1 PVC                                   | 17TA4 | \$114.05        |     |
| Vintage[1]                                |       | 68.04           | (N) |
| - 2 PVCs                                  | 17TB4 | 119.55          |     |
| Vintage[1]                                |       | 74.17           | (N) |
| - 3 PVCs                                  | 17TC4 | 125.00          |     |
| Vintage[1]                                |       | 80.27           | (N) |
| - 4 PVCs                                  | 17TD4 | 130.50          |     |
| Vintage[1]                                |       | 86.39           | (N) |
| - 5 PVCs                                  | 17TE4 | 135.95          |     |
| Vintage[1]                                |       | 92.48           | (N) |
| - 6 PVCs through 14[2], per PVC           | 17TG4 | 2.15            | (T) |
| - 15 PVCs through 24[3], per PVC          | 17TH4 | 1.50            | (T) |
| Vintage[1]                                |       | 0.56            | (N) |
| - Each additional PVC over 24[4], per PVC | 17TJ4 | 0.45            |     |
| Vintage[1]                                |       | 0.21            | (N) |
| • 336 or 384 kbps - NNIT, per Port        |       |                 |     |
| - 1 PVC                                   | 17TA4 | 155.15          |     |
| Vintage[1]                                |       | 90.68           | (N) |
| - 2 PVCs                                  | 17TB4 | 163.10          |     |
| Vintage[1]                                |       | 99.71           | (N) |
| - 3 PVCs                                  | 17TC4 | 171.10          |     |
| Vintage[1]                                |       | 108.72          | (N) |
| - 4 PVCs                                  | 17TD4 | 179.10          |     |
| Vintage[1]                                |       | 117.76          | (N) |
| - 5 PVCs                                  | 17TE4 | 187.05          |     |
| Vintage[1]                                |       | 126.77          | (N) |
| - 6 PVCs through 14[2], per PVC           | 17TG4 | 3.20            | (T) |
| - 15 PVCs through 24[3], per PVC          | 17TH4 | 2.30            | (T) |
| Vintage[1]                                |       | 0.84            | (N) |
| - Each additional PVC over 24[4], per PVC | 17TJ4 | 0.45            | (T) |
| Vintage[1]                                |       | 0.30            | (N) |

- [1] Vintage rate in effect 11/14/94 through 12/13/96. (N)
- [2] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs. (T)
- [3] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs. (T)
- [4] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs. (T)

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## 8. ADVANCED COMMUNICATIONS NETWORKS

### 8.4 RATES AND CHARGES

#### 8.4.2 FRAME RELAY SERVICE

##### E.4. (Cont'd)

|   | USOC  | MONTHLY<br>RATE |     |
|---|-------|-----------------|-----|
| • 448 or 512 kbps - NNIT, per Port        |       |                 |     |
| - 1 PVC                                   | 17TA4 | \$187.05        |     |
| Vintage[1]                                |       | 113.31          | (N) |
| - 2 PVCs                                  | 17TB4 | 195.75          |     |
| Vintage[1]                                |       | 125.27          | (N) |
| - 3 PVCs                                  | 17TC4 | 204.40          |     |
| Vintage[1]                                |       | 137.21          | (N) |
| - 4 PVCs                                  | 17TD4 | 213.05          |     |
| Vintage[1]                                |       | 149.15          | (N) |
| - 5 PVCs                                  | 17TE4 | 221.75          |     |
| Vintage[1]                                |       | 161.09          | (N) |
| - 6 PVCs through 14[2], per PVC           | 17TG4 | 3.40            | (T) |
| - 15 PVCs through 24[3], per PVC          | 17TH4 | 2.30            | (T) |
| Vintage[1]                                |       | 1.11            | (N) |
| - Each additional PVC over 24[4], per PVC | 17TJ4 | 0.45            | (T) |
| Vintage[1]                                |       | 0.42            | (N) |
| • 672 or 768 kbps - NNIT, per Port        |       |                 |     |
| - 1 PVC                                   | 17TA4 | 255.50          |     |
| Vintage[1]                                |       | 159.27          | (N) |
| - 2 PVCs                                  | 17TB4 | 267.35          |     |
| Vintage[1]                                |       | 177.70          | (N) |
| - 3 PVCs                                  | 17TC4 | 279.25          |     |
| Vintage[1]                                |       | 196.13          | (N) |
| - 4 PVCs                                  | 17TD4 | 291.10          |     |
| Vintage[1]                                |       | 214.56          | (N) |
| - 5 PVCs                                  | 17TE4 | 302.95          |     |
| Vintage[1]                                |       | 232.99          | (N) |
| - 6 PVCs through 14[2], per PVC           | 17TG4 | 3.40            | (T) |
| - 15 PVCs through 24[3], per PVC          | 17TH4 | 2.30            |     |
| - Each additional PVC over 24[4], per PVC | 17TJ4 | 0.45            | (T) |

- [1] Vintage rate in effect 11/14/94 through 12/13/96. (N)
- [2] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs. (T)
- [3] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs. (T)
- [4] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs. (T)

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8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

E.4. (Cont'd)

|   | USOC  | MONTHLY<br>RATE |     |
|---|-------|-----------------|-----|
| • 1.544 Mbps - NNIT, per Port             |       |                 |     |
| - 1 PVC                                   | 17TA4 | \$191.65        |     |
| Vintage[1]                                |       | 106.17          | (N) |
| - 2 PVCs                                  | 17TB4 | 225.40          |     |
| Vintage[1]                                |       | 156.28          | (N) |
| - 3 PVCs                                  | 17TC4 | 259.15          |     |
| Vintage[1]                                |       | 206.40          | (N) |
| - 4 PVCs                                  | 17TD4 | 292.90          |     |
| Vintage[1]                                |       | 256.49          | (N) |
| - 5 PVCs                                  | 17TE4 | 326.70          |     |
| Vintage[1]                                |       | 306.61          | (N) |
| - 6 PVCs through 14[2], per PVC           | 17TG4 | 17.35           | (T) |
| - 15 PVCs through 24[3], per PVC          | 17TH4 | 4.55            | (T) |
| Vintage[1]                                |       | 4.12            | (N) |
| - Each additional PVC over 24[4], per PVC | 17TJ4 | 0.45            | (T) |
| Vintage[1]                                |       | 0.14            | (N) |

[1] Vintage rate in effect 11/14/94 through 12/13/96. (N)

[2] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs. (T)

[3] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs. (T)

[4] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs. (T)

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8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

E. 48 Months (Cont'd)

|  | USOC  | NONRECURRING<br>CHARGE | MONTHLY<br>RATE |            |
|--|-------|------------------------|-----------------|------------|
| 5. Central Office Connecting Channel   |       |                        |                 |            |
| • Per connection between a Multiplexer and FRS Port or between a Company facility port and an FRS Port         |       |                        |                 | (T)<br>(T) |
| - For speeds up to 1.544 Mbps  | CU5VR | \$25.00                | \$ 0.60         | (T)        |
| - For speeds up to 44.736 Mbps   | CU5VR | 50.00                  | 9.13            | (N)        |
| 6. Transport Channels[1]   |       |                        |                 |            |
| 7. Optional Features and Functions   |       |                        |                 |            |
| • Customer Network Management (CNM)  |       |                        |                 |            |
| - Per workstation registered address initial setup   | NM6X4 | 15.00                  | 61.14           |            |
| - Subsequent CNM order charge, per workstation registered address change or addition of CNM to existing FRS[2] | NR9FM | 38.00                  | —               |            |

[1] See Section 7 for Transport Channel rates and regulations.

[2] When adding CNM to existing FRS, the Subsequent CNM Order Charge applies in addition to the Nonrecurring Charge for the initial setup of CNM.



8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

E.7. (Cont'd)

|                                    | USOC  | NONRECURRING<br>CHARGE | MONTHLY<br>RATE | (N) |
|------------------------------------|-------|------------------------|-----------------|-----|
| • Priority UNIT PVC[1],<br>per PVC |       |                        |                 |     |
| - 56 or 64 kbps                    | PV7X4 | \$50.00                | \$4.56          |     |
| - 112 or 128 kbps                  | PV7X4 | 50.00                  | 5.32            |     |
| - 224 or 256 kbps                  | PV7X4 | 50.00                  | 6.09            |     |
| - 336 or 384 kbps                  | PV7X4 | 50.00                  | 6.84            |     |
| - 448 or 512 kbps                  | PV7X4 | 50.00                  | 7.60            |     |
| - 672 or 768 kbps                  | PV7X4 | 50.00                  | 8.37            |     |
| - 1.544 Mbps                       | PV7X4 | 50.00                  | 9.13            |     |
| - 44.736 Mbps                      | PV7X4 | 50.00                  | 9.13            | (N) |

[1] Priority PVC rates and charges apply in addition to the UNIT PVC rates and charges set forth preceding.

(N)  
(N)

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8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

E.7. (Cont'd)

|                    | USOC  | NONRECURRING<br>CHARGE | MONTHLY<br>RATE | (N) |
|--------------------|-------|------------------------|-----------------|-----|
| • Per Video PVC[1] |       |                        |                 |     |
| - 384 kbps CIR     | PVUE4 | \$700.00               | \$18.25         |     |
| - 512 kbps CIR     | PVUF4 | 700.00                 | 27.38           | (N) |

[1] Video PVC rates and charges apply in addition to the 1.544 Mbps UNIT PVC rates and charges set forth preceding.

(N)  
(N)

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1801 California Street, Denver, Colorado 80202

8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE (Cont'd)

F. 60 Months

|   | USOC  | NONRECURRING<br>CHARGE | MONTHLY<br>RATE |     |
|---|-------|------------------------|-----------------|-----|
| 1. Access Link, per Access Link                   |       |                        |                 |     |
| • 56 or 64 kbps                                   | L7AX5 | \$450.00               | \$ 42.30        |     |
| - Vintage[1]                                      |       |                        | 15.73           | (N) |
| - Vintage[2]                                      |       |                        | 17.34           |     |
| - Vintage[3]                                      |       |                        | 36.68           | (N) |
| • 2-Wire 128 kbps                                 | L7TA5 | 450.00                 | 36.00           |     |
| • 1.544 Mbps                                      | L7AX5 | 450.00                 | 113.85          |     |
| - Vintage[1]                                      |       |                        | 104.19          | (N) |
| - Vintage[2]                                      |       |                        | 105.90          | (N) |
| 2. Stand-Alone Access Link,<br>per Access Link    |       |                        |                 |     |
| • 56 or 64 kbps                                   | NNLX5 | 450.00                 | 42.30           |     |
| - Vintage[3]                                      |       |                        | 36.68           | (N) |
| • 1.544 Mbps                                      | NNLX5 | 450.00                 | 113.85          |     |
| 3. User-To-Network Information Transfer (UNIT)    |       |                        |                 |     |
|   | USOC  | NONRECURRING<br>CHARGE |                 |     |
| • 56 or 64 kbps                                   |       |                        |                 |     |
| - First PVC                                       | NRBF1 | \$50.00                |                 |     |
| - Each additional PVC                             | NRBF2 | 20.00                  |                 |     |
| - Subsequent PVC(s) order charge,<br>per order[4] | NRBFO | 75.00                  |                 | (T) |

[1] Vintage rate in effect 10/12/92 through 1/16/94. (N)

[2] Vintage rate in effect 1/17/94 through 11/13/94. (N)

[3] Vintage rate in effect 11/14/94 through 12/13/96. (N)

[4] When appropriate, the "Each additional PVC" nonrecurring charge applies in addition to the "Subsequent PVC order charge". (T)

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8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

F.3. (Cont'd)

|   | USOC  | NONRECURRING<br>CHARGE |     |
|---|-------|------------------------|-----|
| • 2-Wire 128 kbps   |       |                        |     |
| - First PVC   | NRBF7 | \$300.00               | (T) |
| - Each additional PVC   | NRBF8 | 20.00                  | (T) |
| - Subsequent PVC(s) order charge,<br>per order[1]   | NRBF9 | 75.00                  | (T) |
| • 112 or 128 kbps (4-Wire), 224 or 256 kbps, 336 or<br>384 kbps, 448 or 512 kbps, and 672 or 768 kbps |       |                        |     |
| - First PVC   | NRBF1 | 250.00                 |     |
| - Each additional PVC   | NRBF2 | 20.00                  |     |
| - Subsequent PVC(s) order charge,<br>per order[1]   | NRBFO | 75.00                  |     |
| • 1.544 Mbps  |       |                        |     |
| - First PVC   | NRBF1 | 50.00                  |     |
| - Each additional PVC   | NRBF2 | 20.00                  |     |
| - Subsequent PVC(s) order charge,<br>per order[1]   | NRBFO | 75.00                  |     |
| • 44.736 Mbps   |       |                        |     |
| - First PVC   | NRBF1 | 250.00                 |     |
| - Each additional PVC   | NRBF2 | 50.00                  |     |
| - Subsequent PVC(s) order charge,<br>per order[1]   | NRBFO | 75.00                  |     |
| • Fault Tolerant Service, per UNIT  |       |                        |     |
| - Initial Service Establishment   | NRBF4 | 500.00                 |     |
| - Subsequent Service Establishment  | NRBF5 | 50.00                  |     |
| - Activation and Restoral   | NRBF6 | 500.00                 |     |

[1] When appropriate, the "Each additional PVC" nonrecurring charge applies in addition to the "Subsequent PVC order charge". (C)  
(C)

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1801 California Street, Denver, Colorado 80202

## 8. ADVANCED COMMUNICATIONS NETWORKS

### 8.4 RATES AND CHARGES

#### 8.4.2 FRAME RELAY SERVICE

F.3. (Cont'd)

|  | USOC  | MONTHLY<br>RATE |     |
|--|-------|-----------------|-----|
| • 56 or 64 kbps - UNIT, per Port           |       |                 |     |
| - 0 PVCs, used with Fault Tolerant Service | 17T95 | \$ 31.50        |     |
| - 1 PVC                                    | 17TA5 | 35.35           |     |
| - 2 PVCs                                   | 17TB5 | 40.08           |     |
| - 3 PVCs                                   | 17TC5 | 43.01           |     |
| - 4 PVCs                                   | 17TD5 | 45.95           |     |
| - 5 PVCs                                   | 17TE5 | 48.86           |     |
| - 6 PVCs through 14[1], per PVC            | 17TG5 | 1.12            |     |
| Vintage[2]                                 |       | 1.00            | (N) |
| - 15 PVCs through 24[3], per PVC           | 17TH5 | 0.24            | (T) |
| Vintage[2]                                 |       | 0.21            | (N) |
| - Each additional PVC over 24[4], per PVC  | 17TJ5 | 0.25            | (T) |
| Vintage[2]                                 |       | 0.09            | (N) |
| Vintage[5]                                 |       | 0.10            | (N) |
| • 2-Wire 128 kbps - UNIT, per Port         |       |                 |     |
| - 1 PVC                                    | 18TB5 | 76.00           |     |
| - 2 through 8 PVCs[6]                      | 18TC5 | 6.64            | (T) |

[1] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.

[2] Vintage rate in effect 1/17/94 through 11/13/94. (N)

[3] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs. (T)

[4] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs. (T)

[5] Vintage rate in effect 11/14/94 through 12/13/96. (N)

[6] For each PVC over 1, up to and including 8, add this rate to the monthly rate for 1 PVC. (T)

Certain material previously found on this page can now be found on Page 105.1.

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8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

F.3. (Cont'd)

|   | USOC  | MONTHLY<br>RATE | (M)<br>(M) |
|---|-------|-----------------|------------|
| • 112 or 128 kbps (4-Wire) - UNIT, per Port |       |                 |            |
| - 1 PVC                                     | 17TA5 | \$108.00        | (T)        |
| Vintage[1]                                  |       | 63.82           | (N)        |
| - 2 PVCs                                    | 17TB5 | 110.70          | (M)        |
| Vintage[1]                                  |       | 66.97           | (N)        |
| - 3 PVCs                                    | 17TC5 | 113.40          | (M)        |
| Vintage[1]                                  |       | 70.12           | (N)        |
| - 4 PVCs                                    | 17TD5 | 116.10          | (M)        |
| Vintage[1]                                  |       | 73.28           | (N)        |
| - 5 PVCs                                    | 17TE5 | 118.80          | (M)        |
| Vintage[1]                                  |       | 76.42           | (N)        |
| - 6 PVCs through 14[2], per PVC             | 17TG5 | 1.10            | (T)        |
| - 15 PVCs through 24[3], per PVC            | 17TH5 | 0.75            | (T)        |
| Vintage[1]                                  |       | 0.41            | (N)        |
| - Each additional PVC over 24[4], per PVC   | 17TJ5 | 0.45            | (T)        |
| Vintage[1]                                  |       | 0.17            | (N)        |

[1] Vintage rate in effect 1/14/94 through 12/13/96. (N)

[2] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs. (T)

[3] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs. (T)

[4] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs. (T)

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8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

F.3. (Cont'd)

|   | USOC  | MONTHLY<br>RATE | (M) |
|---|-------|-----------------|-----|
| • 224 or 256 kbps - UNIT, per Port        |       |                 |     |
| - 1 PVC                                   | 17TA5 | \$144.00        | (M) |
| Vintage[1]                                |       | 86.15           | (N) |
| - 2 PVCs                                  | 17TB5 | 149.40          | (M) |
| Vintage[1]                                |       | 92.19           | (N) |
| - 3 PVCs                                  | 17TC5 | 154.80          | (M) |
| Vintage[1]                                |       | 98.22           | (N) |
| - 4 PVCs                                  | 17TD5 | 160.20          | (M) |
| Vintage[1]                                |       | 104.25          | (N) |
| - 5 PVCs                                  | 17TE5 | 165.60          | (M) |
| Vintage[1]                                |       | 110.27          | (N) |
| - 6 PVCs through 14[2], per PVC           | 17TG5 | 2.10            | (T) |
| - 15 PVCs through 24[3], per PVC          | 17TH5 | 1.50            | (T) |
| Vintage[1]                                |       | 0.92            | (N) |
| - Each additional PVC over 24[4], per PVC | 17TJ5 | 0.45            | (T) |
| Vintage[1]                                |       | 0.34            | (N) |
| • 336 or 384 kbps - UNIT, per Port        |       |                 |     |
| - 1 PVC                                   | 17TA5 | 180.00          | (M) |
| Vintage[1]                                |       | 108.48          | (N) |
| - 2 PVCs                                  | 17TB5 | 187.90          | (M) |
| Vintage[1]                                |       | 117.39          | (N) |
| - 3 PVCs                                  | 17TC5 | 195.75          | (M) |
| Vintage[1]                                |       | 126.30          | (N) |
| - 4 PVCs                                  | 17TD5 | 203.65          | (M) |
| Vintage[1]                                |       | 135.99          | (N) |
| - 5 PVCs                                  | 17TE5 | 211.50          | (M) |
| Vintage[1]                                |       | 145.68          | (N) |
| - 6 PVCs through 14[2], per PVC           | 17TG5 | 3.15            | (T) |
| - 15 PVCs through 24[3], per PVC          | 17TH5 | 2.25            | (T) |
| Vintage[1]                                |       | 1.37            | (N) |
| - Each additional PVC over 24[4], per PVC | 17TJ5 | 0.45            | (T) |

[1] Vintage rate in effect 11/14/94 through 12/13/96. (N)

[2] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs. (T)

[3] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs. (M)

[4] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs. (T)

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## 8. ADVANCED COMMUNICATIONS NETWORKS

### 8.4 RATES AND CHARGES

#### 8.4.2 FRAME RELAY SERVICE

F.3. (Cont'd)

|   | USOC  | MONTHLY<br>RATE |     |
|---|-------|-----------------|-----|
| • 448 or 512 kbps - UNIT, per Port        |       |                 |     |
| - 1 PVC                                   | 17TA5 | \$211.50        |     |
| Vintage[1]                                |       | 130.82          | (N) |
| - 2 PVCs                                  | 17TB5 | 220.05          |     |
| Vintage[1]                                |       | 142.60          | (N) |
| - 3 PVCs                                  | 17TC5 | 228.60          |     |
| Vintage[1]                                |       | 154.38          | (N) |
| - 4 PVCs                                  | 17TD5 | 237.15          |     |
| Vintage[1]                                |       | 168.68          | (N) |
| - 5 PVCs                                  | 17TE5 | 245.70          |     |
| Vintage[1]                                |       | 182.97          | (N) |
| - 6 PVCs through 14[2], per PVC           | 17TG5 | 3.40            | (T) |
| - 15 PVCs through 24[3], per PVC          | 17TH5 | 2.25            | (T) |
| Vintage[1]                                |       | 1.83            | (N) |
| - Each additional PVC over 24[4], per PVC | 17TJ5 | 0.45            | (T) |
| • 672 or 768 kbps - UNIT, per Port        |       |                 |     |
| - 1 PVC                                   | 17TA5 | 279.00          |     |
| Vintage[1]                                |       | 176.14          | (N) |
| - 2 PVCs                                  | 17TB5 | 291.60          |     |
| Vintage[1]                                |       | 194.32          | (N) |
| - 3 PVCs                                  | 17TC5 | 304.20          |     |
| Vintage[1]                                |       | 212.49          | (N) |
| - 4 PVCs                                  | 17TD5 | 316.80          |     |
| Vintage[1]                                |       | 233.38          | (N) |
| - 5 PVCs                                  | 17TE5 | 329.40          |     |
| Vintage[1]                                |       | 254.29          | (N) |
| - 6 PVCs through 14[2], per PVC           | 17TG5 | 3.60            | (T) |
| - 15 PVCs through 24[3], per PVC          | 17TH5 | 2.50            | (T) |
| - Each additional PVC over 24[4], per PVC | 17TJ5 | 0.75            | (T) |

- [1] Vintage rate in effect 11/14/94 through 12/13/96. (N)
- [2] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs. (T)
- [3] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs. (T)
- [4] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs. (T)

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## 8. ADVANCED COMMUNICATIONS NETWORKS

### 8.4 RATES AND CHARGES

#### 8.4.2 FRAME RELAY SERVICE

F.3. (Cont'd)

|  | USOC  | MONTHLY<br>RATE |     |
|--|-------|-----------------|-----|
| • 1.544 Mbps - UNIT, per Port              |       |                 |     |
| - 0 PVCs, used with Fault Tolerant Service | 17T95 | \$193.50        |     |
| - 1 PVC                                    | 17TA5 | 216.00          |     |
| Vintage[1]                                 |       | 213.77          | (N) |
| - 2 PVCs                                   | 17TB5 | 249.30          |     |
| Vintage[1]                                 |       | 173.89          | (N) |
| - 3 PVCs                                   | 17TC5 | 282.60          |     |
| Vintage[1]                                 |       | 224.02          | (N) |
| - 4 PVCs                                   | 17TD5 | 315.90          |     |
| Vintage[1]                                 |       | 273.44          | (N) |
| - 5 PVCs                                   | 17TE5 | 349.20          |     |
| Vintage[1]                                 |       | 322.86          | (N) |
| - 6 PVCs through 14[2], per PVC            | 17TG5 | 17.10           | (T) |
| Vintage[3]                                 |       | 16.62           | (N) |
| - 15 PVCs through 24[4], per PVC           | 17TH5 | 4.50            | (T) |
| - Each additional PVC over 24[5], per PVC  | 17TJ5 | 0.45            | (T) |
| Vintage[1]                                 |       | 0.23            | (N) |

[1] Vintage rate in effect 11/14/94 through 12/13/96. (N)

[2] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs. (T)

[3] Vintage rate in effect 1/17/94 through 11/13/94. (N)

[4] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs. (T)

[5] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs. (T)

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8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

F.3. (Cont'd)

|  | USOC  | MONTHLY<br>RATE | (M) |
|--|-------|-----------------|-----|
| • 44.736 Mbps - UNIT, per Port             |       |                 | (M) |
| - 0 PVCs, used with Fault Tolerant Service | 17T95 | \$3,150.00      | (T) |
| - 1 PVC                                    | 17TU5 | 3,420.00        | (M) |
| - 2 PVCs through 50[1], per PVC            | 17TV5 | 27.00           | (T) |
| - 51 PVCs through 140[2], per PVC          | 17TW5 | 7.20            |     |
| - 141 PVCs through 240[3], per PVC         | 17TY5 | 3.60            |     |
| - 241 PVCs through 500[4], per PVC         | 17TZ5 | 1.80            | (T) |

- [1] For each PVC over 1, up to and including 50, add this rate to the monthly rate for 1 PVC. (T)  
(M)
- [2] For each PVC over 50, up to and including 140, add this rate to the total monthly rate for 50 PVCs. (T)  
(M)
- [3] For each PVC over 140, up to and including 240, add this rate to the total monthly rate for 140 PVCs. (T)  
(M)
- [4] For each PVC over 240, up to and including 500, add this rate to the total monthly rate for 240 PVCs. (T)  
(M)

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8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

F. 60 Months (Cont'd)

4. Network-To-Network Information Transfer (NNIT)

|  | USOC  | NONRECURRING<br>CHARGE |
|--|-------|------------------------|
| • 56 or 64 kbps  |       |                        |
| - First PVC  | NRBF1 | \$ 50.00               |
| - Each additional PVC  | NRBF2 | 20.00                  |
| - Subsequent PVC(s) order charge,<br>per order[1]  | NRBFO | 75.00                  |
| • 112 or 128 kbps, 224 or 256 kbps, 336 or<br>384 kbps, 448 or 512 kbps, and 672 or 768 kbps |       |                        |
| - First PVC  | NRBF1 | 250.00                 |
| - Each additional PVC  | NRBF2 | 20.00                  |
| - Subsequent PVC(s) order charge,<br>per order[1]  | NRBFO | 75.00                  |
| • 1.544 Mbps   |       |                        |
| - First PVC  | NRBF1 | 50.00                  |
| - Each additional PVC  | NRBF2 | 20.00                  |
| - Subsequent PVC(s) order charge,<br>per order[1]  | NRBFO | 75.00                  |

[1] When appropriate, the "Each additional PVC" nonrecurring charge applies in addition to the "Subsequent PVC order charge".

(C)  
(C)

## 8. ADVANCED COMMUNICATIONS NETWORKS

### 8.4 RATES AND CHARGES

#### 8.4.2 FRAME RELAY SERVICE

F.4. (Cont'd)

|  | USOC  | MONTHLY<br>RATE |     |
|--|-------|-----------------|-----|
| • 56 or 64 kbps - NNIT, per Port   |       |                 |     |
| - 1 PVC  | 17TA5 | \$34.20         |     |
| Vintage[1]   |       | 34.19           | (N) |
| - 2 PVCs   | 17TB5 | 38.10           |     |
| Vintage[1]   |       | 35.85           | (N) |
| - 3 PVCs   | 17TC5 | 42.05           |     |
| Vintage[1]   |       | 37.51           | (N) |
| - 4 PVCs   | 17TD5 | 45.95           |     |
| Vintage[1]   |       | 39.18           | (N) |
| - 5 PVCs   | 17TE5 | 49.85           |     |
| Vintage[1]   |       | 40.83           | (N) |
| - 6 PVCs through 14[2], per PVC  | 17TG5 | 0.45            | (T) |
| - 15 PVCs through 24[3], per PVC   | 17TH5 | 0.25            | (T) |
| Vintage[1]   |       | 0.14            | (N) |
| - Each additional PVC over 24[4], per PVC  | 17TJ5 | 0.25            | (T) |
| Vintage[1]   |       | 0.06            | (N) |
| • 112 or 128 kbps - NNIT, per Port   |       |                 |     |
| - 1 PVC  | 17TA5 | 76.50           |     |
| Vintage[1]   |       | 44.77           | (N) |
| - 2 PVCs   | 17TB5 | 79.20           |     |
| Vintage[1]   |       | 47.92           | (N) |
| - 3 PVCs   | 17TC5 | 81.90           |     |
| Vintage[1]   |       | 51.08           | (N) |
| - 4 PVCs   | 17TD5 | 84.60           |     |
| Vintage[1]   |       | 54.23           | (N) |
| - 5 PVCs   | 17TE5 | 87.30           |     |
| Vintage[1]   |       | 57.37           | (N) |
| - 6 PVCs through 14[2], per PVC  | 17TG5 | 1.10            | (T) |
| - 15 PVCs through 24[3], per PVC   | 17TH5 | 0.75            | (T) |
| Vintage[1]   |       | 0.30            | (N) |
| - Each additional PVC over 24[4], per PVC  | 17TJ5 | 0.45            | (T) |
| Vintage[1]   |       | 0.11            | (N) |
| [1] Vintage rate in effect 11/14/94 through 12/13/96.  |       |                 | (N) |
| [2] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.         |       |                 | (T) |
| [3] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs. |       |                 | (T) |
| [4] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.                          |       |                 | (T) |

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8. ADVANCED COMMUNICATIONS NETWORKS

8.4 RATES AND CHARGES

8.4.2 FRAME RELAY SERVICE

F.4. (Cont'd)

|  | USOC  | MONTHLY<br>RATE |     |
|--|-------|-----------------|-----|
| • 224 or 256 kbps - NNIT, per Port   |       |                 |     |
| - 1 PVC  | 17TA5 | \$112.50        |     |
| Vintage[1]   |       | 67.10           | (N) |
| - 2 PVCs   | 17TB5 | 117.90          |     |
| Vintage[1]   |       | 73.15           | (N) |
| - 3 PVCs   | 17TC5 | 123.30          |     |
| Vintage[1]   |       | 79.17           | (N) |
| - 4 PVCs   | 17TD5 | 128.70          |     |
| Vintage[1]   |       | 85.20           | (N) |
| - 5 PVCs   | 17TE5 | 134.10          |     |
| Vintage[1]   |       | 91.22           | (N) |
| - 6 PVCs through 14[2], per PVC  | 17TG5 | 2.10            | (T) |
| - 15 PVCs through 24[3], per PVC   | 17TH5 | 1.50            | (T) |
| Vintage[1]   |       | 0.55            | (N) |
| - Each additional PVC over 24[4], per PVC  | 17TJ5 | 0.45            | (T) |
| Vintage[1]   |       | 0.21            | (N) |
| • 336 or 384 kbps - NNIT, per Port   |       |                 |     |
| - 1 PVC  | 17TA5 | 153.00          |     |
| Vintage[1]   |       | 89.43           | (N) |
| - 2 PVCs   | 17TB5 | 160.90          |     |
| Vintage[1]   |       | 98.34           | (N) |
| - 3 PVCs   | 17TC5 | 168.75          |     |
| Vintage[1]   |       | 107.24          | (N) |
| - 4 PVCs   | 17TD5 | 176.65          |     |
| Vintage[1]   |       | 116.15          | (N) |
| - 5 PVCs   | 17TE5 | 184.50          |     |
| Vintage[1]   |       | 125.04          | (N) |
| - 6 PVCs through 14[2], per PVC  | 17TG5 | 3.15            | (T) |
| - 15 PVCs through 24[3], per PVC   | 17TH5 | 2.25            | (T) |
| Vintage[1]   |       | 0.83            | (N) |
| - Each additional PVC over 24[4], per PVC  | 17TJ5 | 0.45            | (T) |
| Vintage[1]   |       | 0.30            | (N) |
| [1] Vintage rate in effect 11/14/94 through 12/13/96.  |       |                 | (N) |
| [2] For each PVC over 5, up to and including 14, add this rate to the monthly rate for 5 PVCs.         |       |                 | (T) |
| [3] For each PVC over 14, up to and including 24, add this rate to the total monthly rate for 14 PVCs. |       |                 | (T) |
| [4] For each PVC over 24 add this rate to the total monthly rate for 24 PVCs.                          |       |                 | (T) |

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